

**Prior Art**

100

**Figure 1**

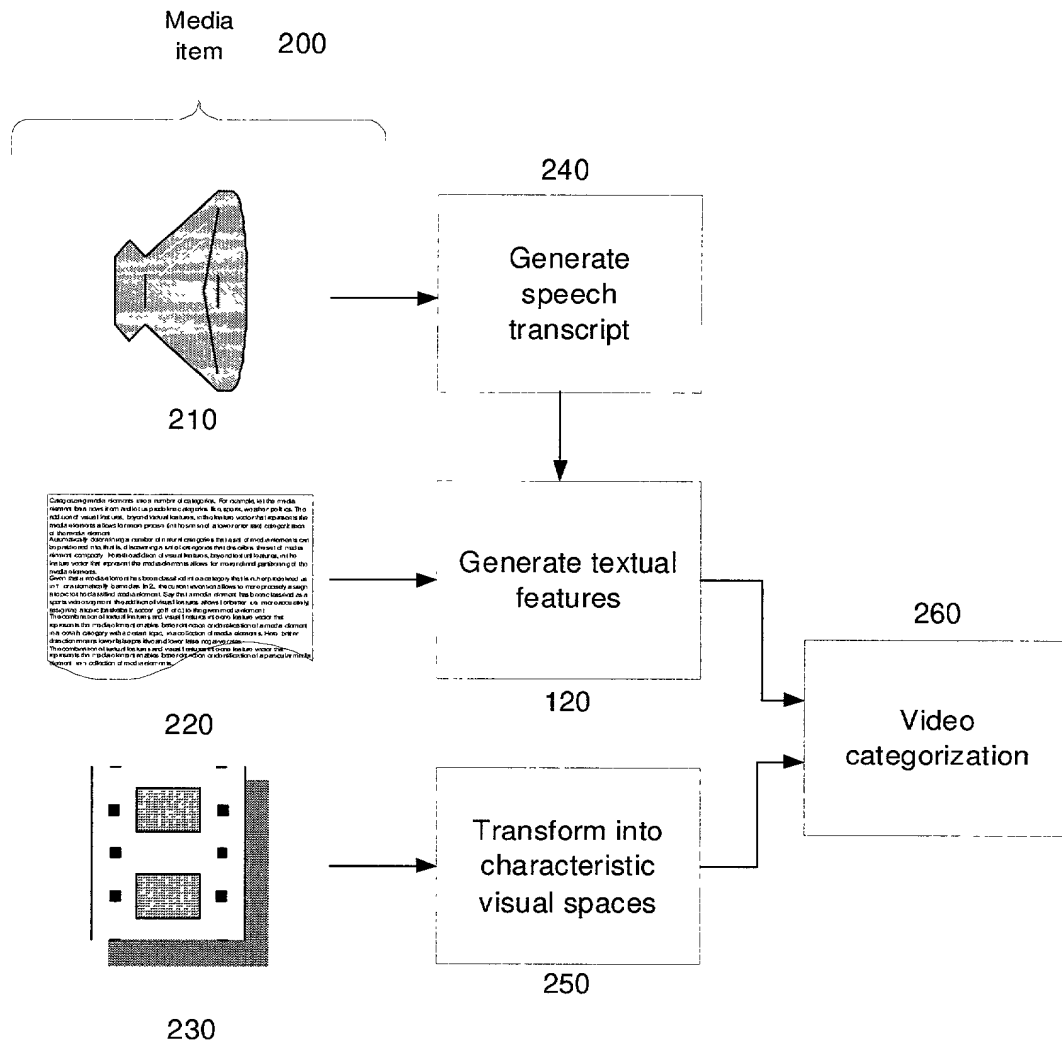


Figure 2

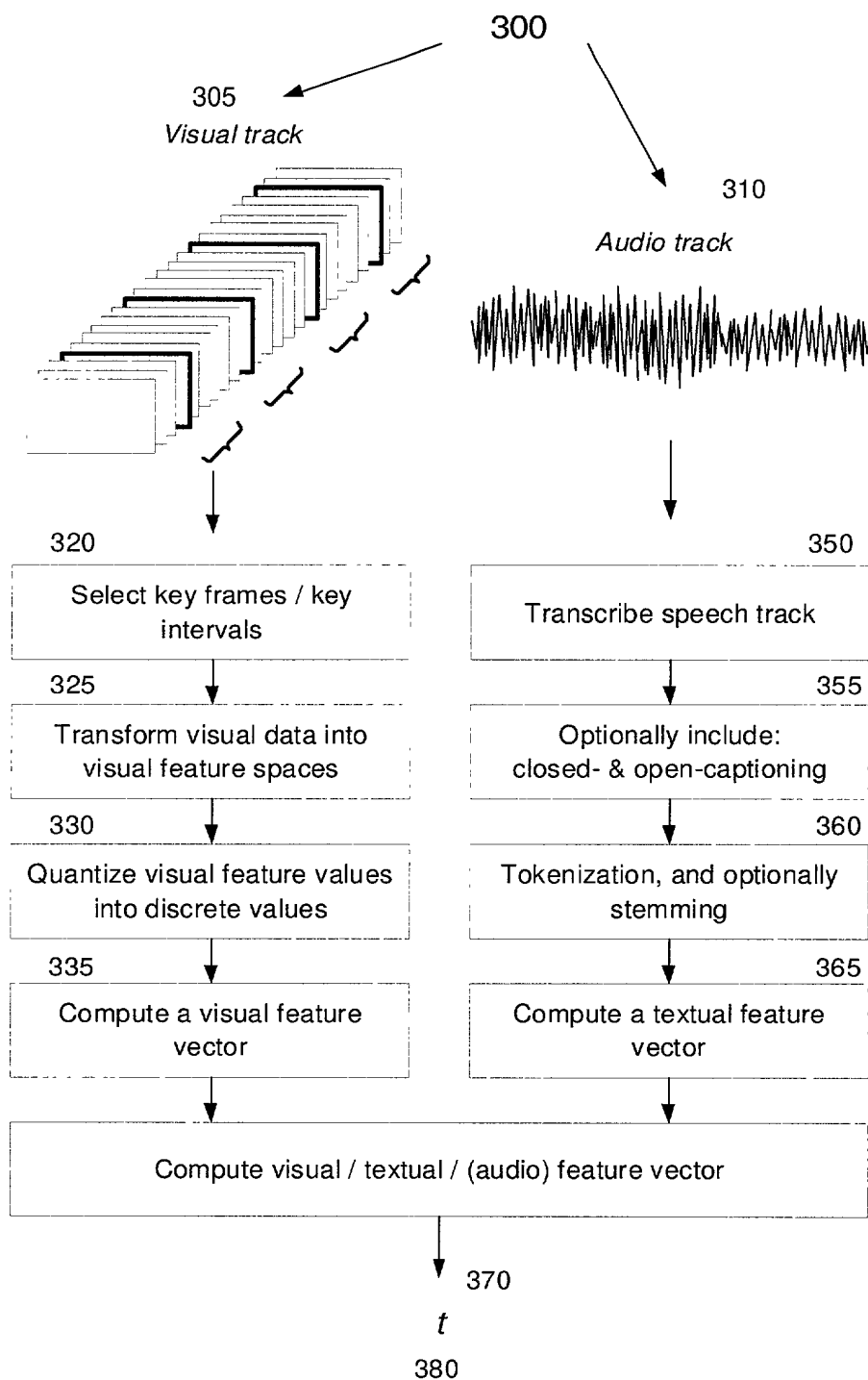
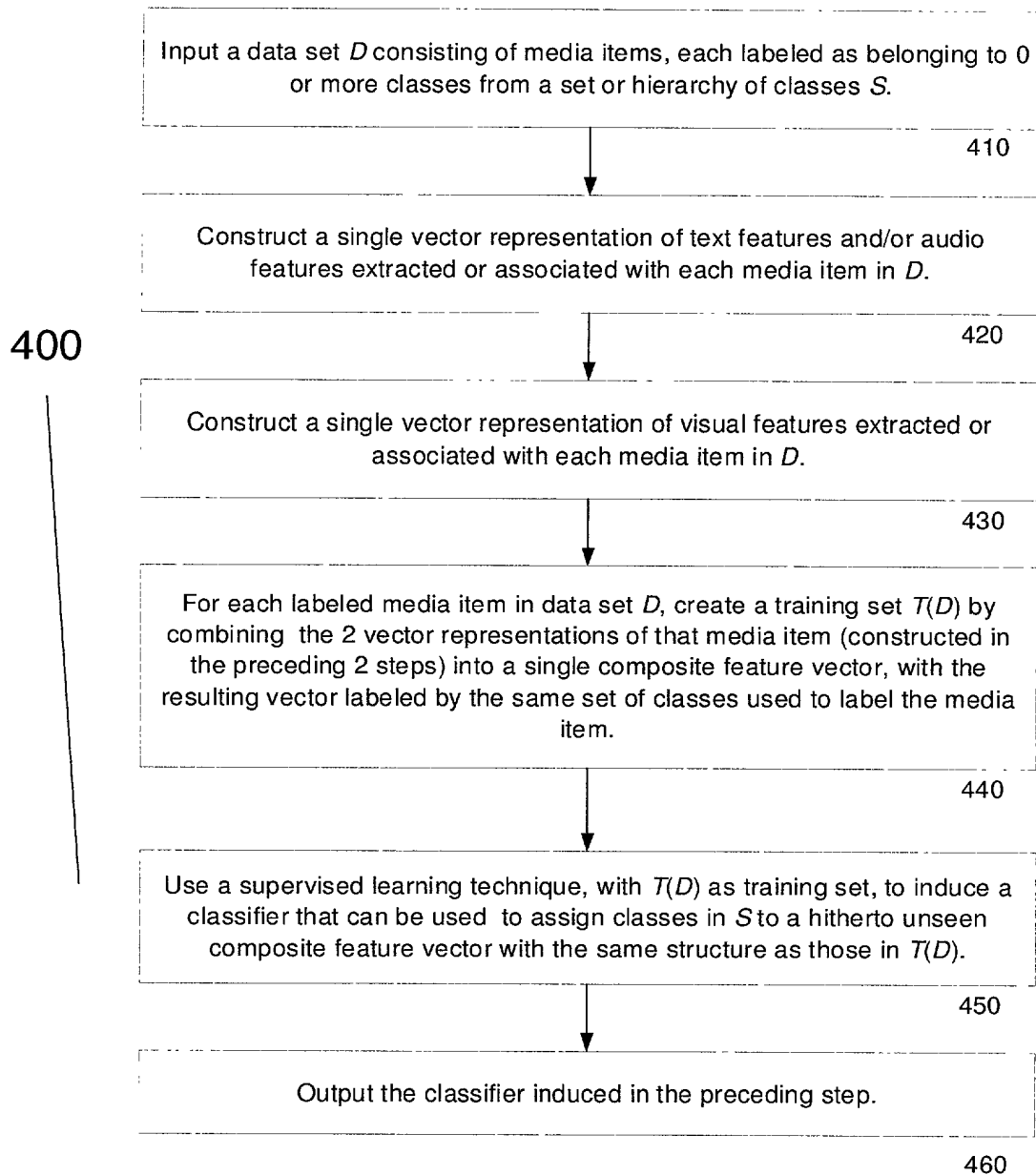


Figure 3



**Figure 4**

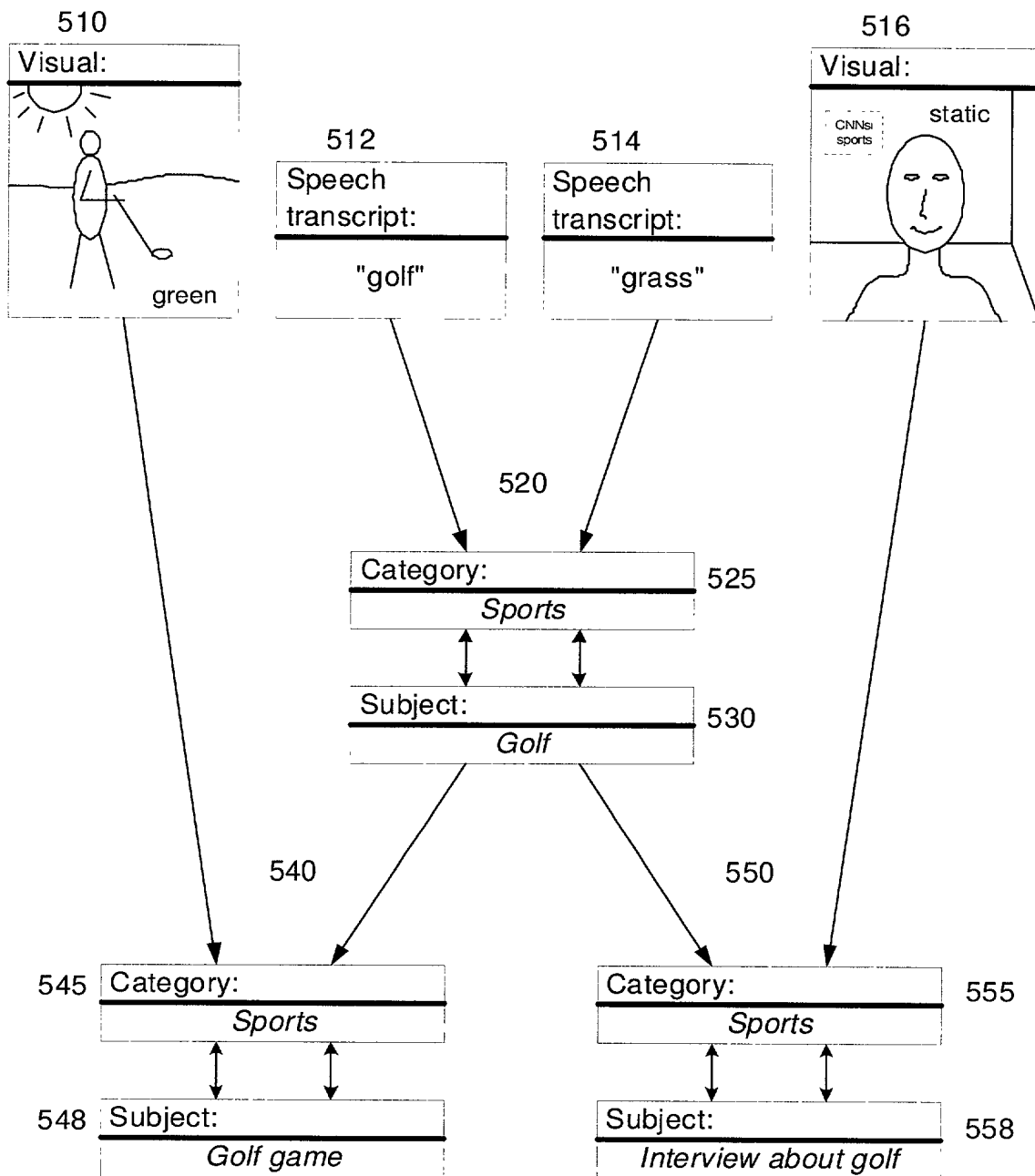
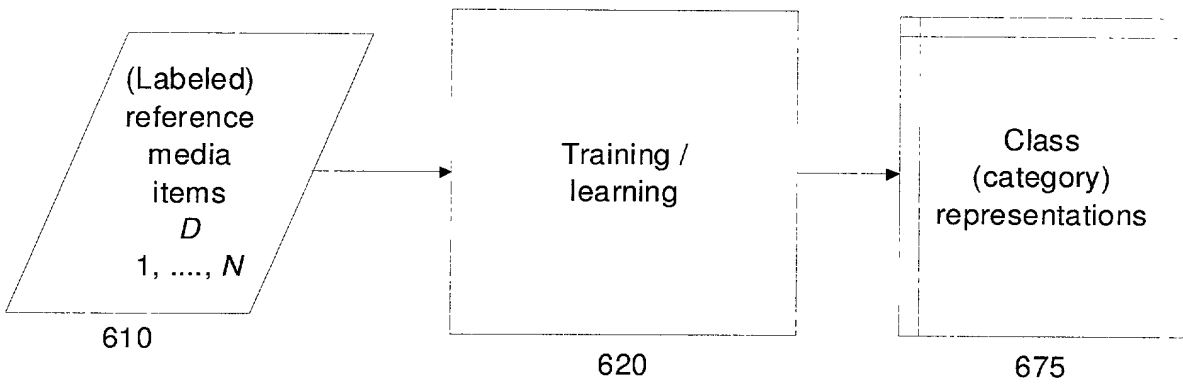
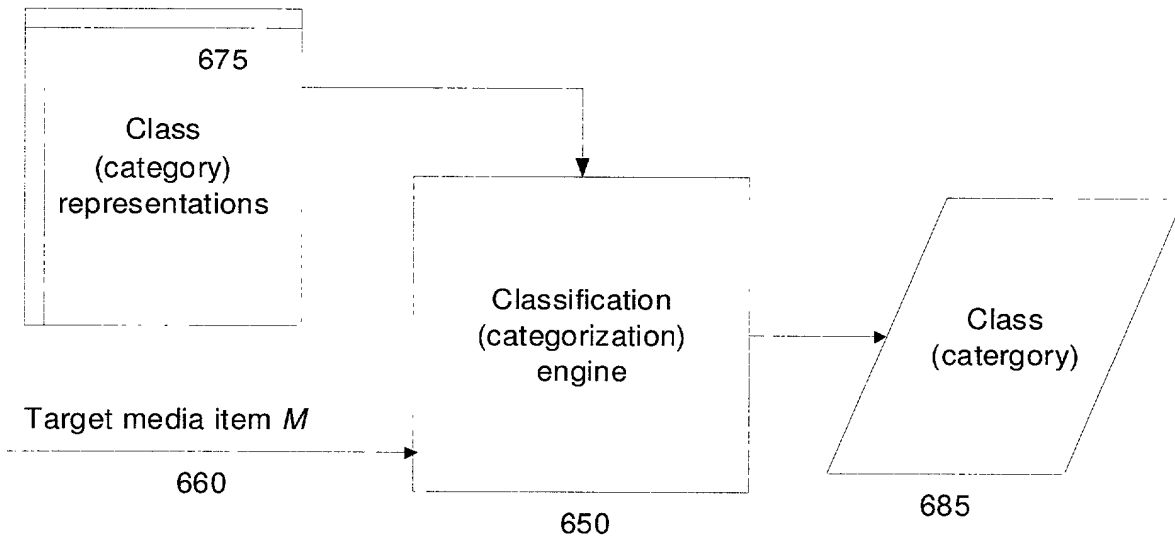


Figure 5



Training / learning phase **610**

**A**



Classification phase **615**

**B**

**Figure 6**

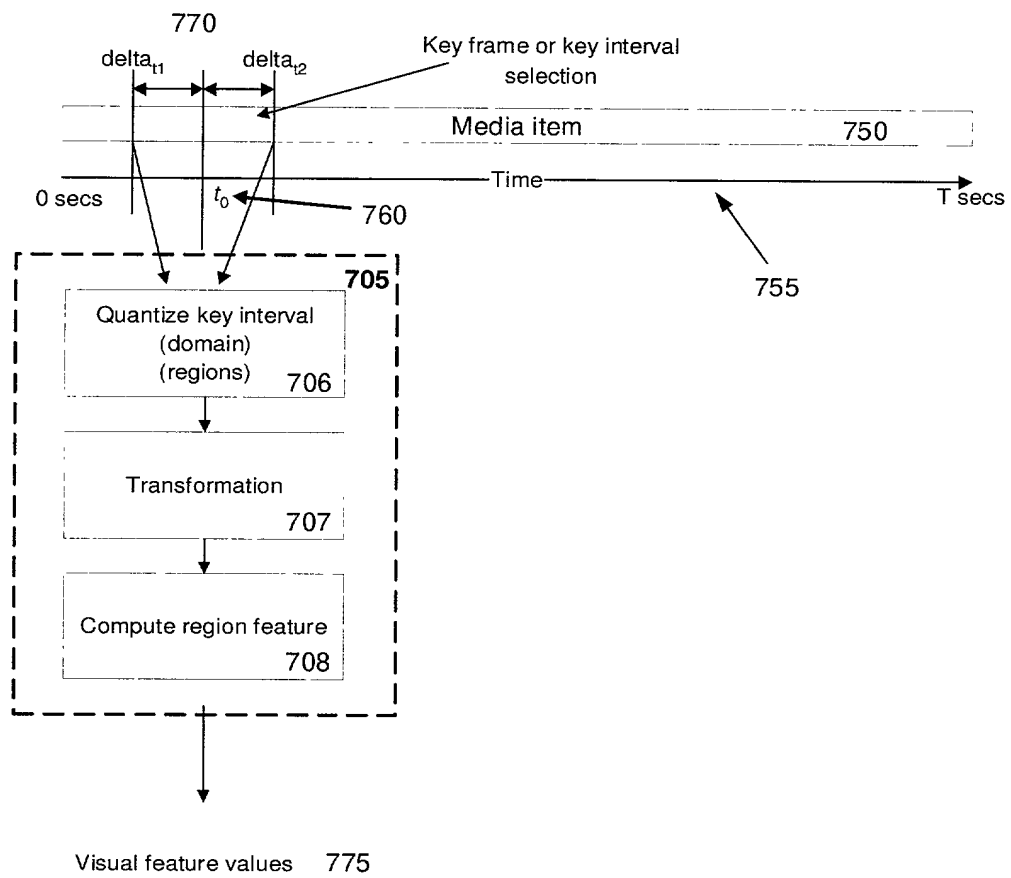


Figure 7A

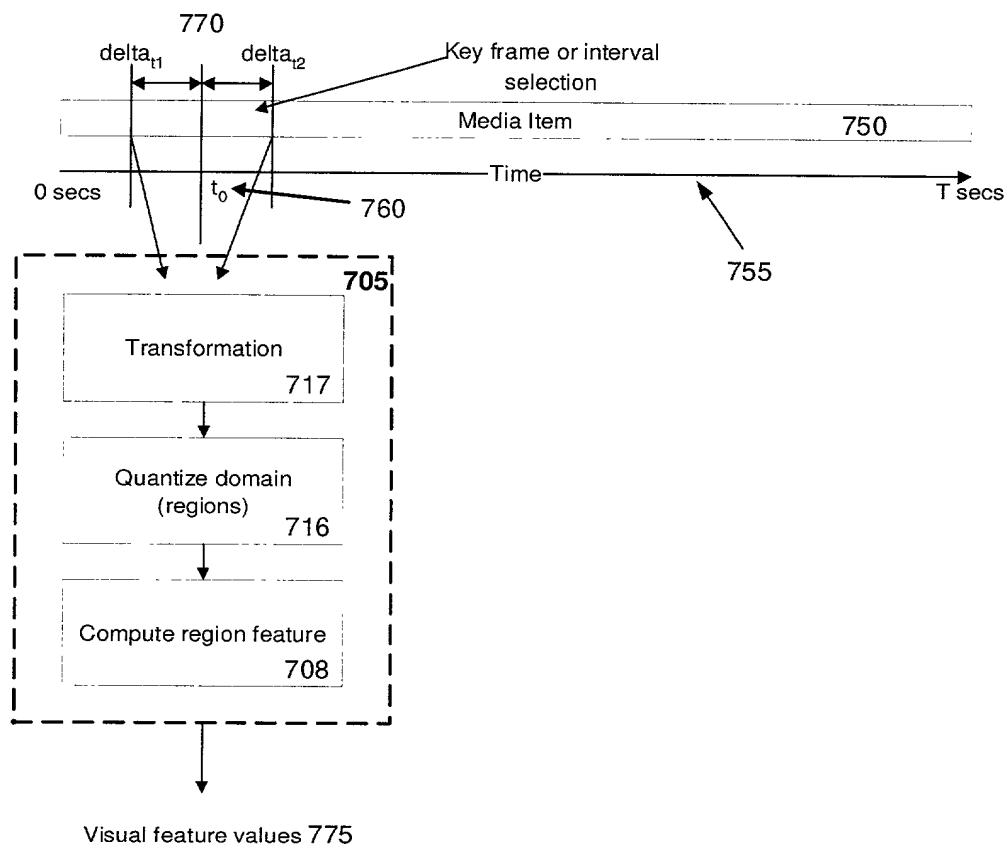
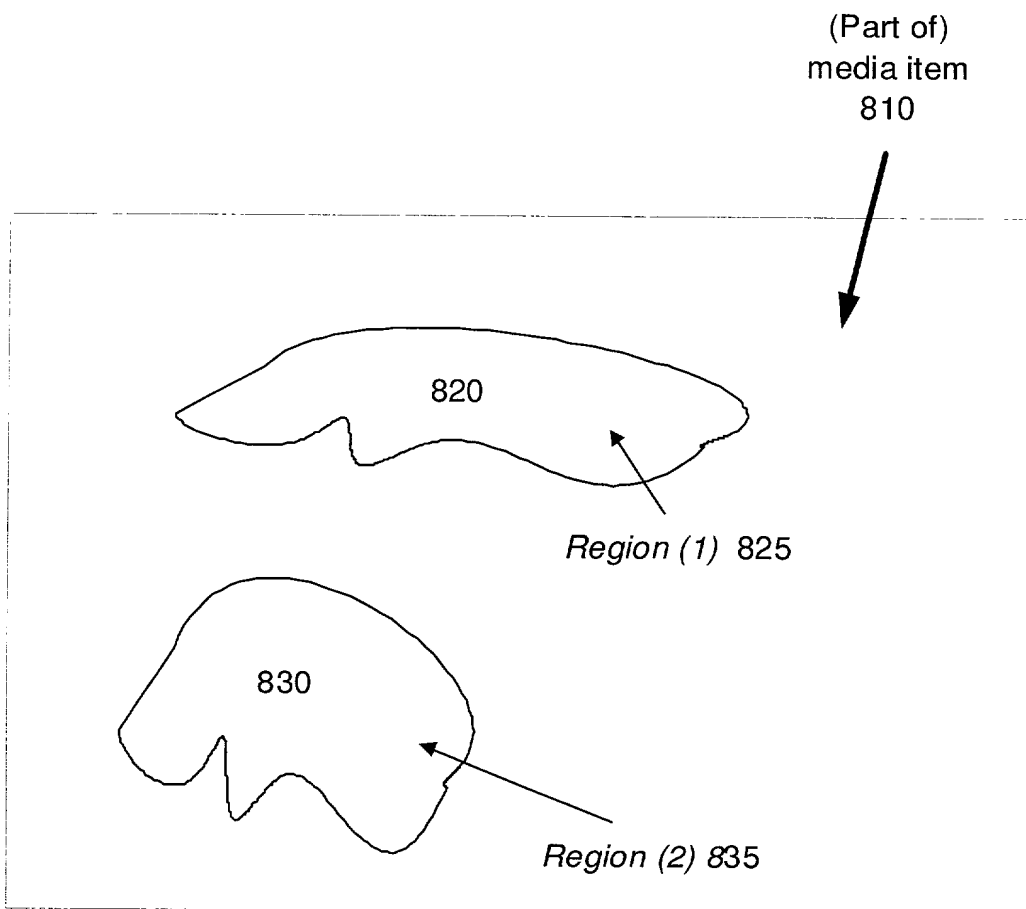
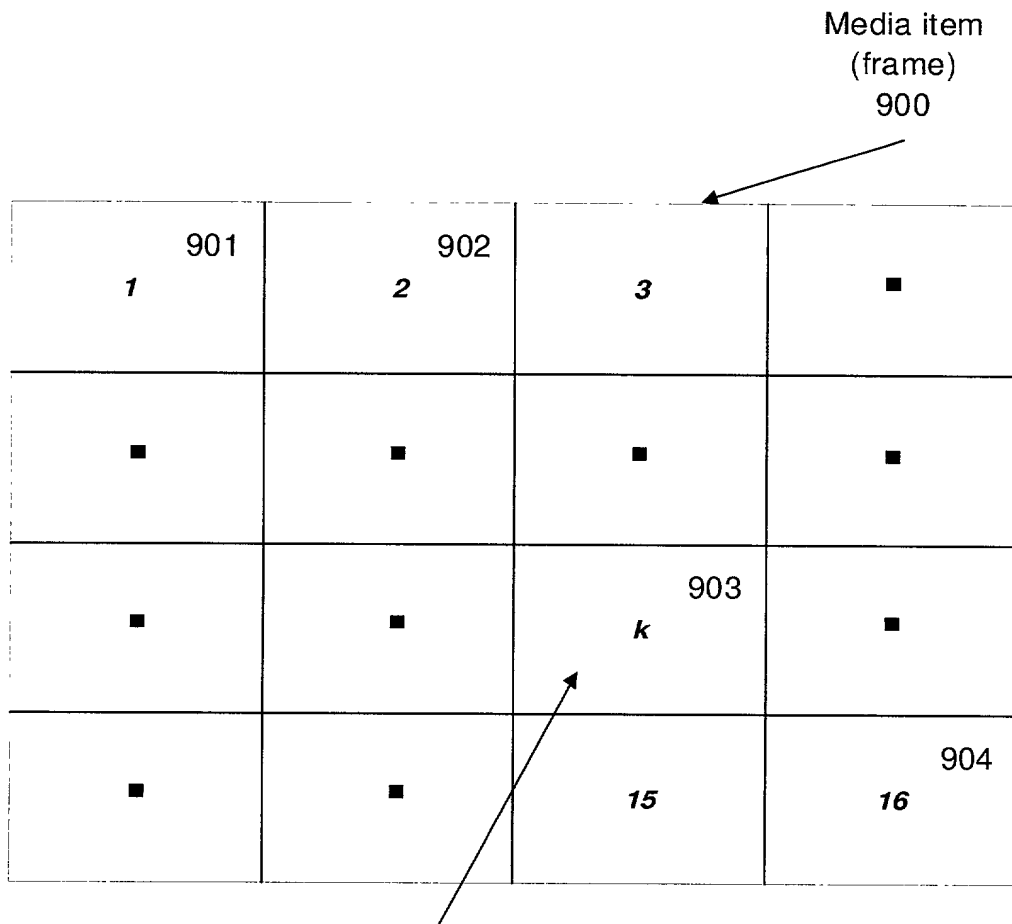


Figure 7B





**Figure 8**



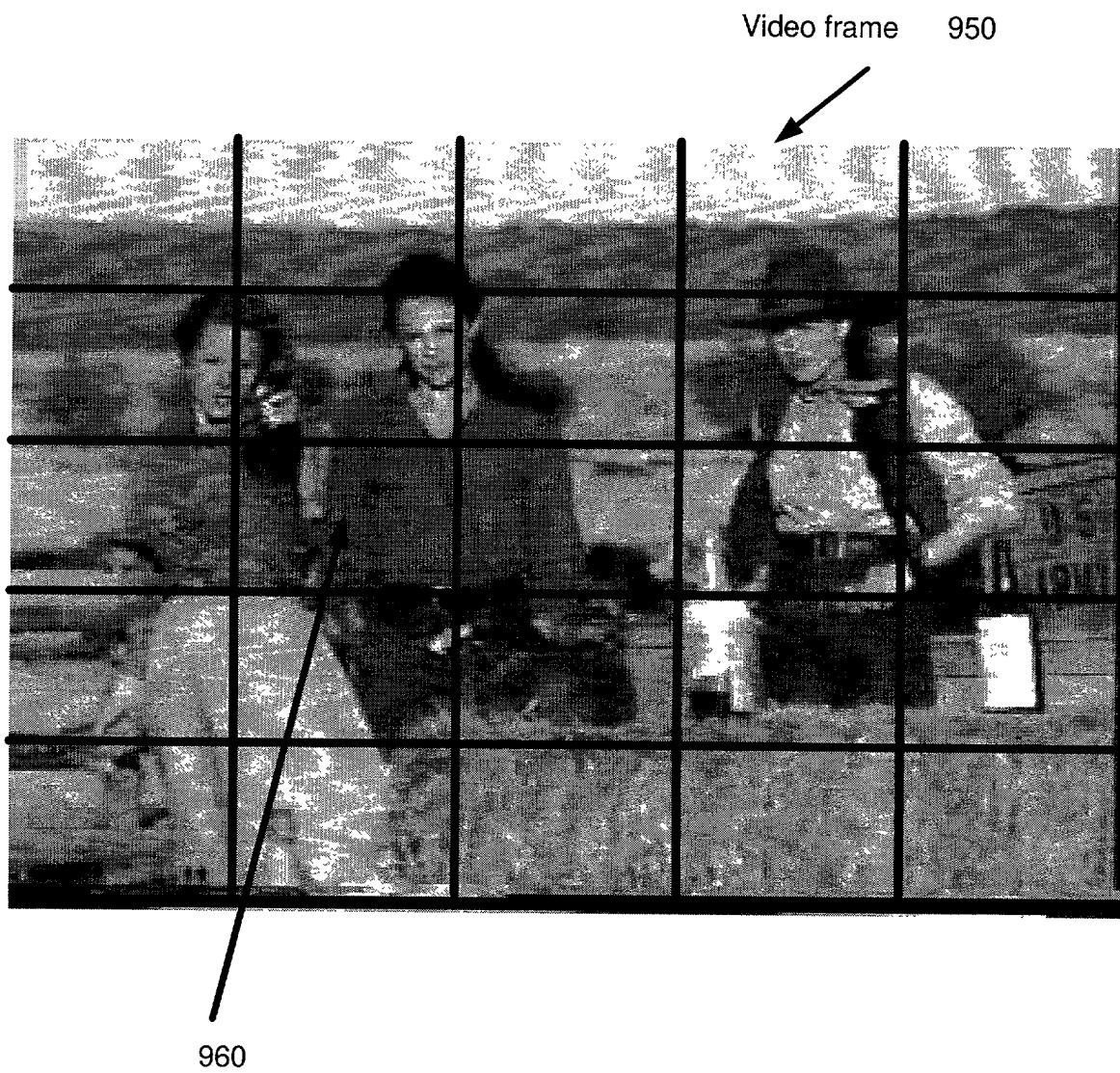
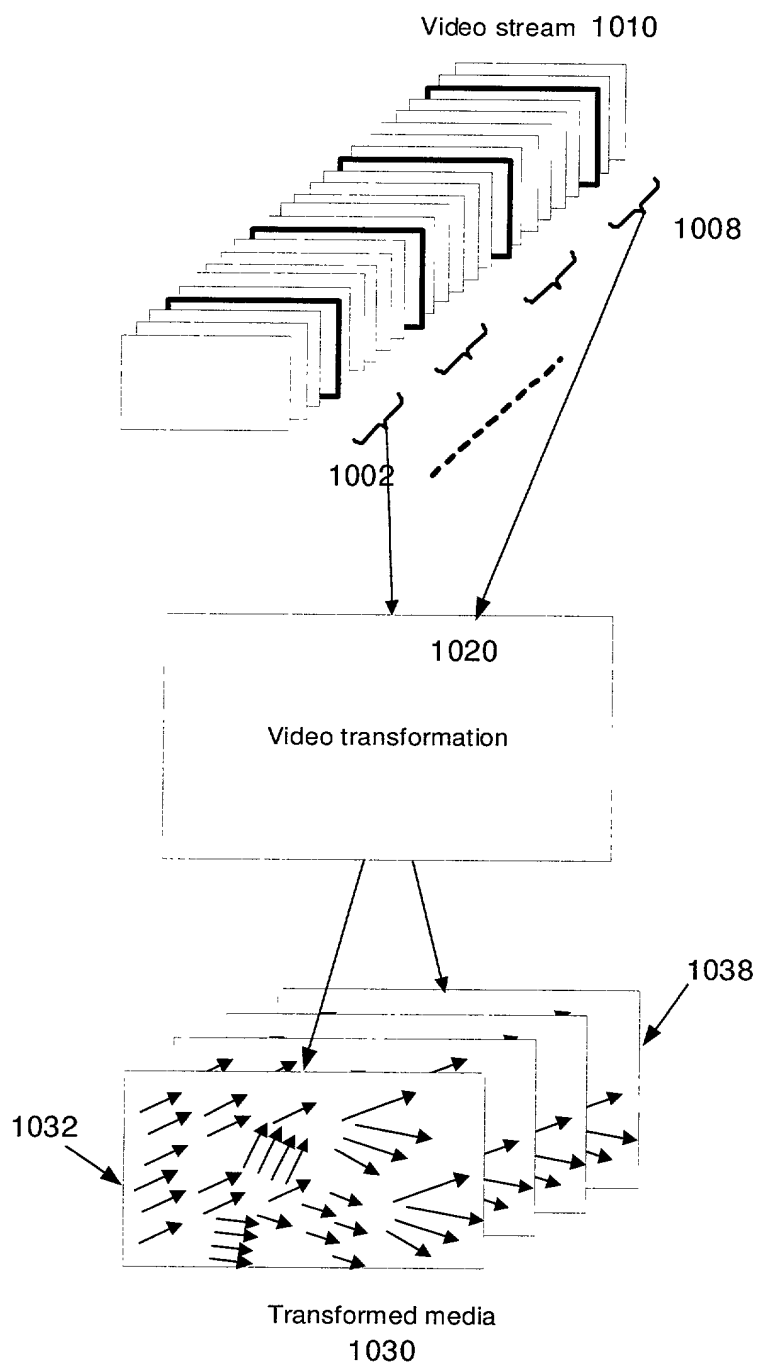


Figure 9A



**Figure 10**

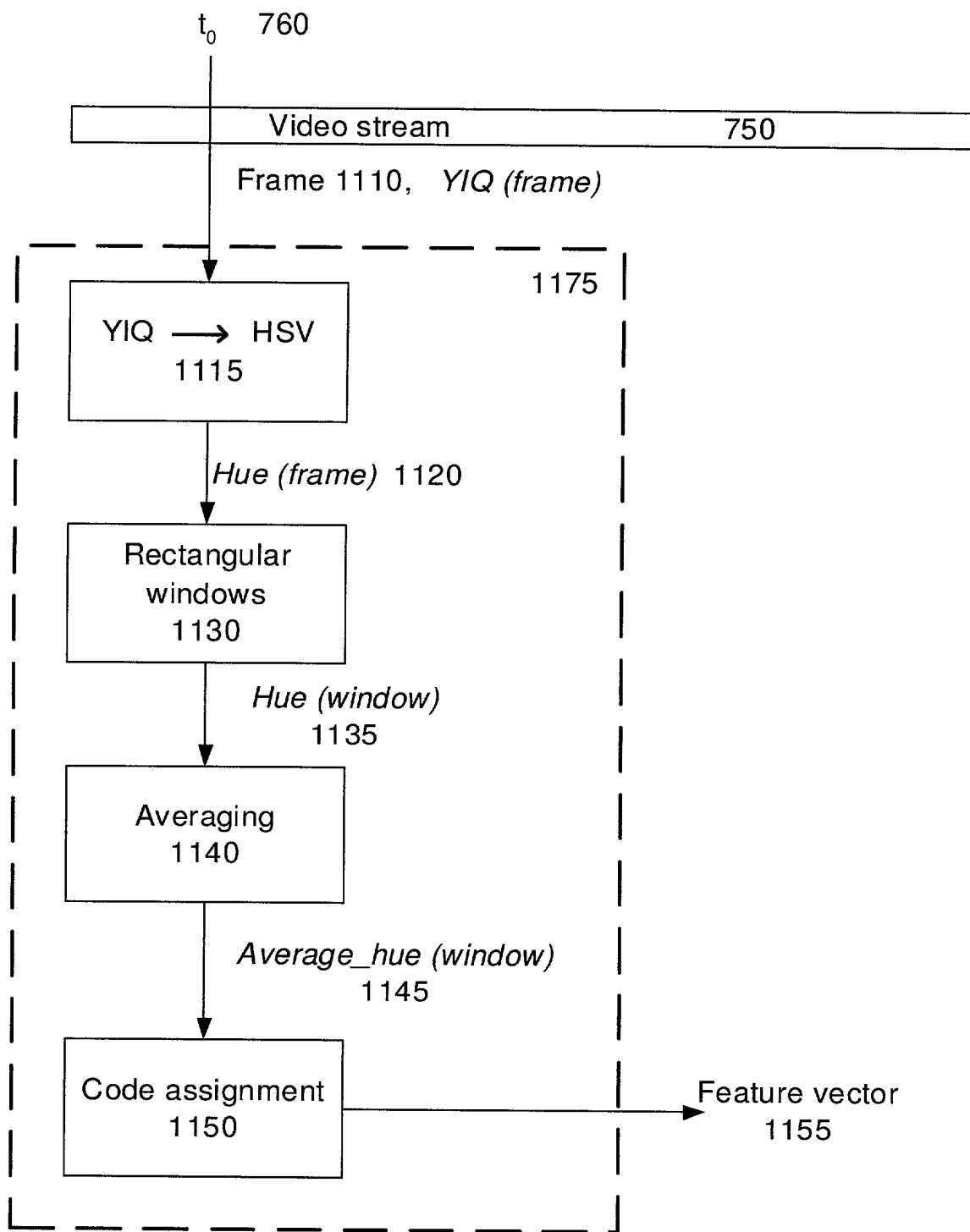
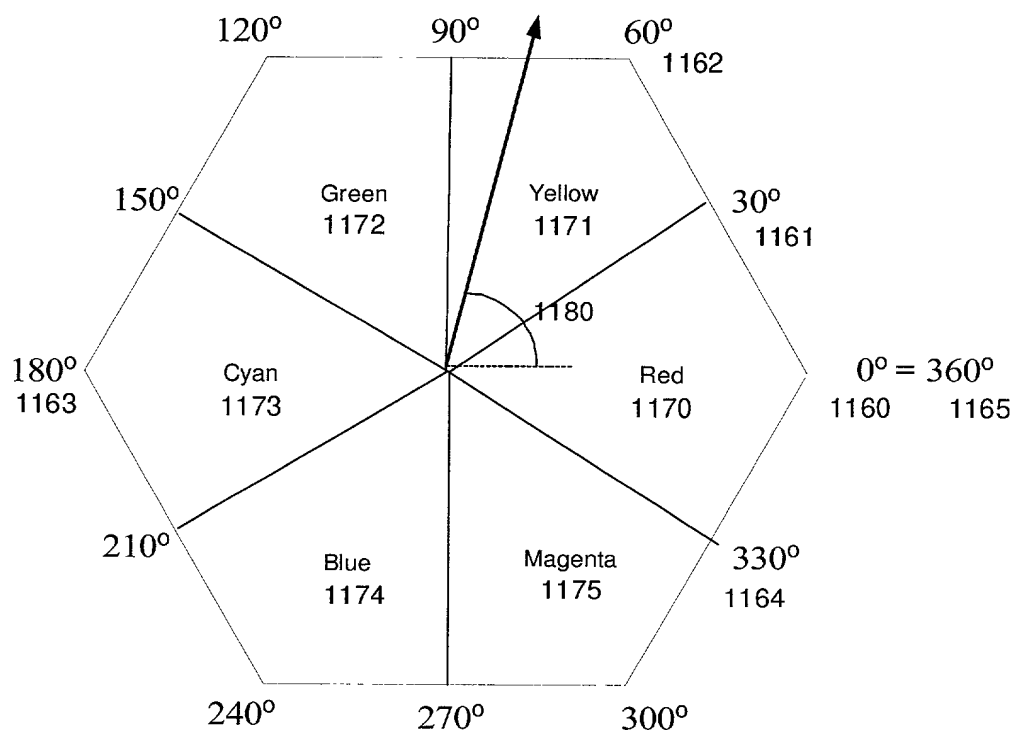


Figure 11A



Hue quantization (1180)

<i>Color range</i>	<i>Code</i>	<i>Color</i>	
330 - 30 degrees	0	Red	(1170)
30 - 90 degrees	1	Yellow	(1171)
90 - 150 degrees	2	Green	(1172)
150 - 210 degrees	3	Cyan	(1173)
210 - 270 degrees	4	Blue	(1174)
270 - 330 degrees	5	Magenta	(1175)

Figure 11B

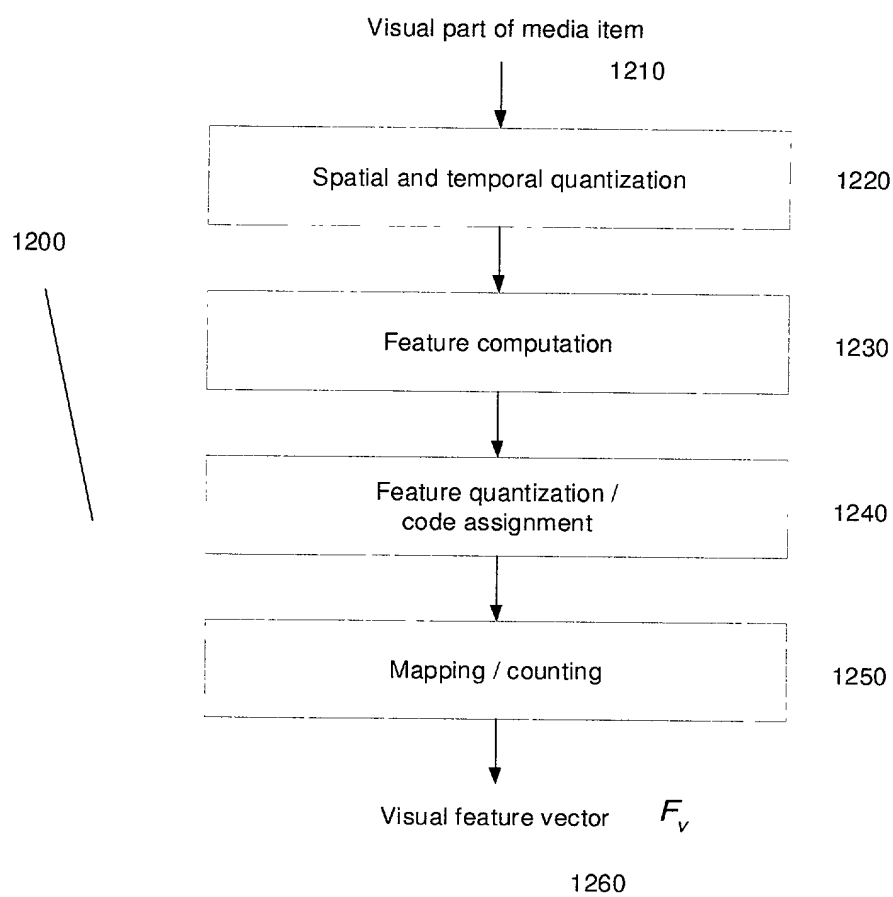
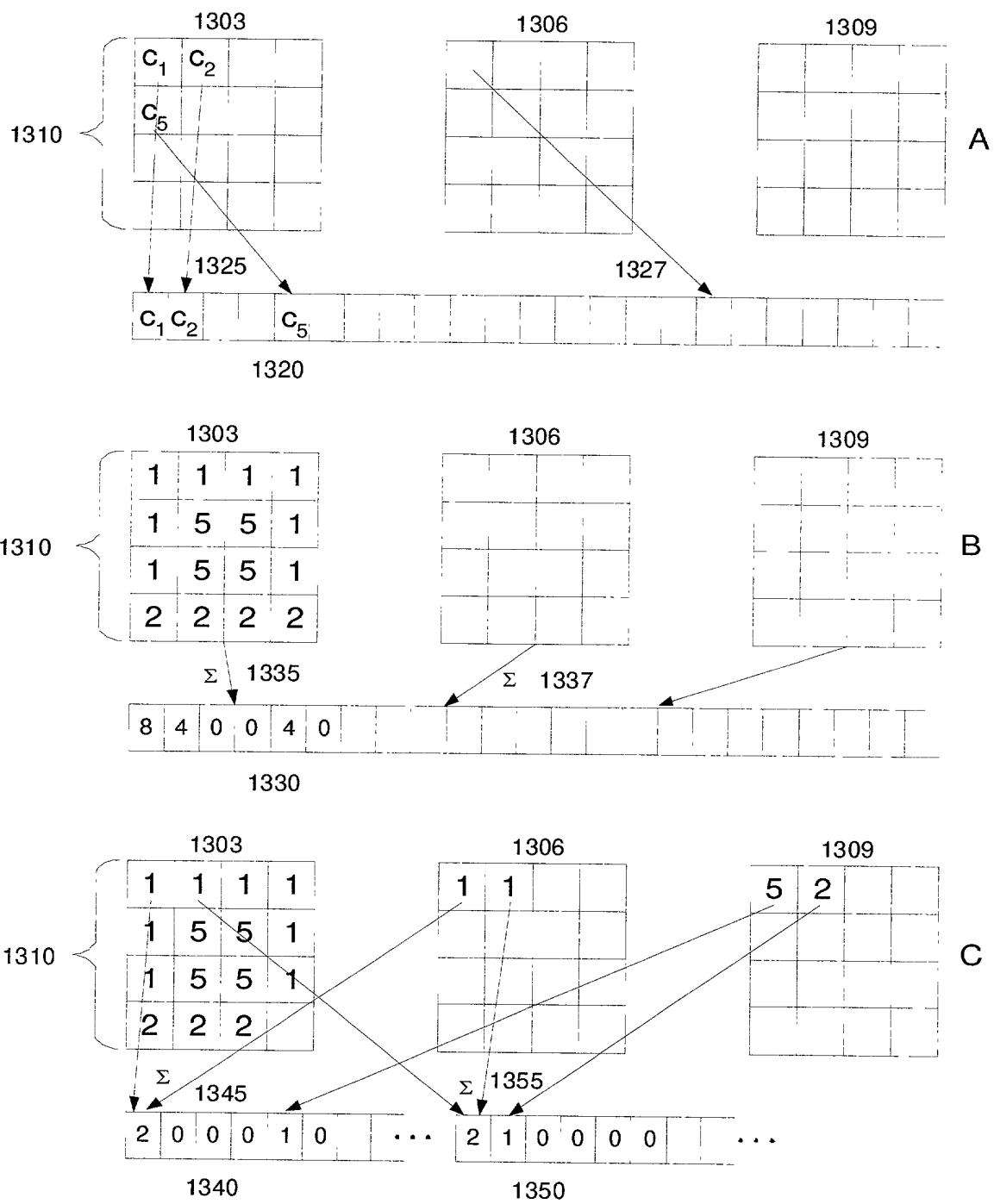
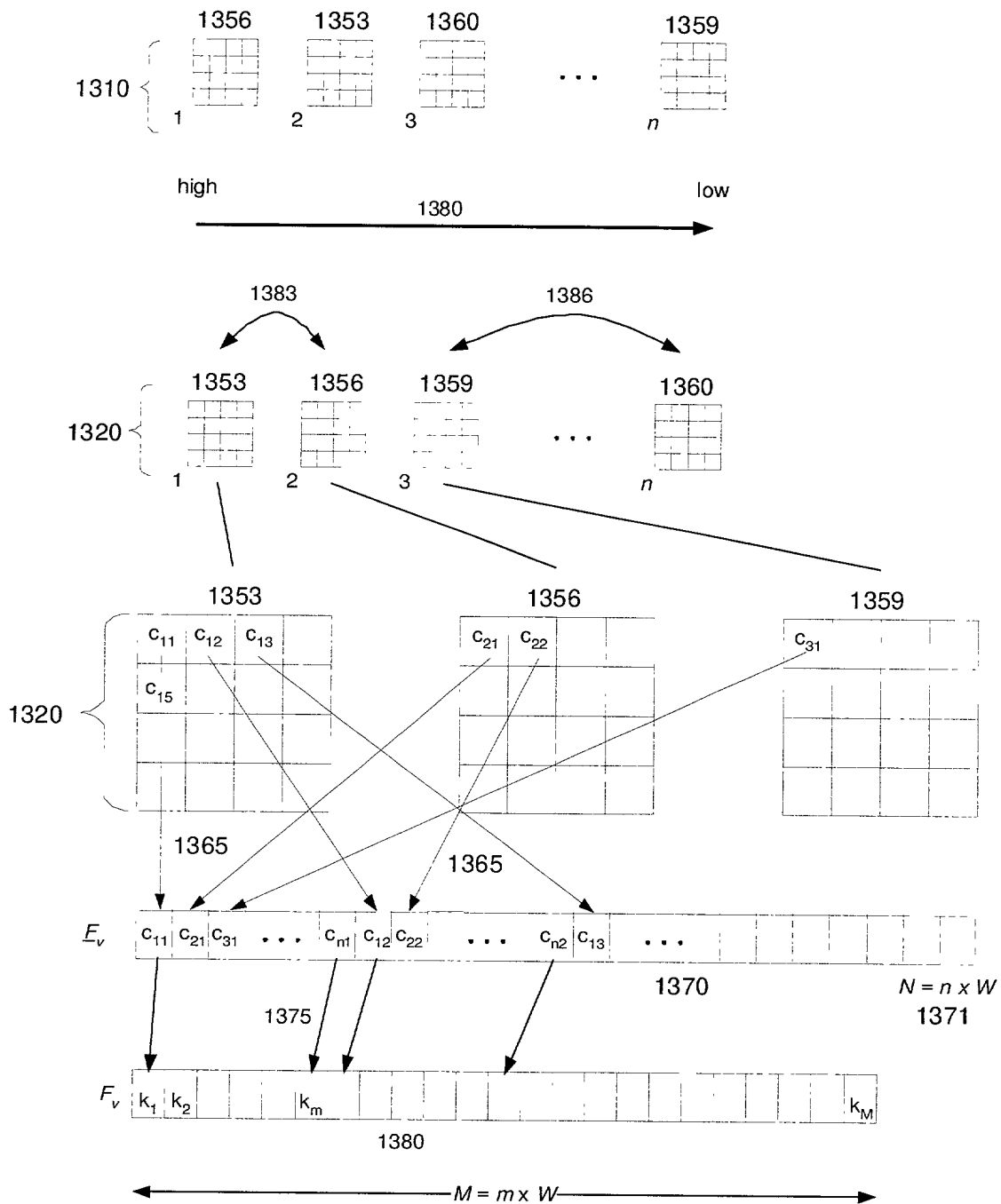


Figure 12



**Figure 13**





**Figure 13D**

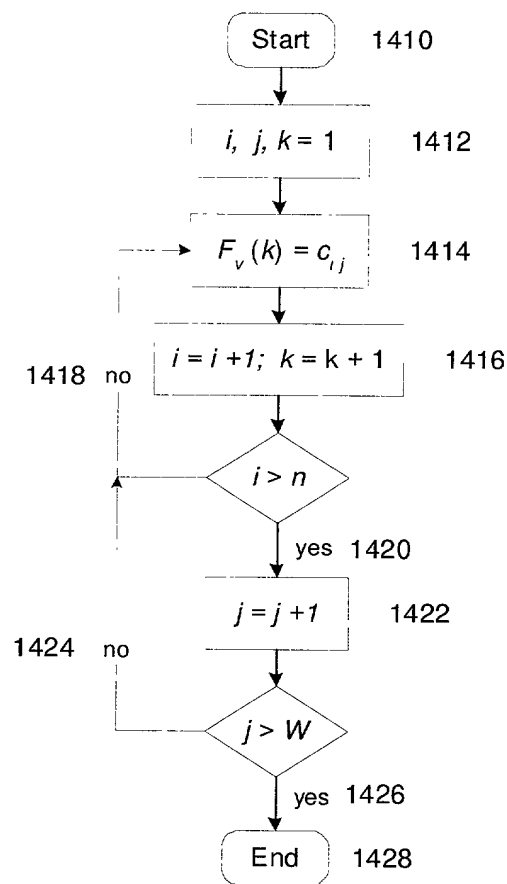
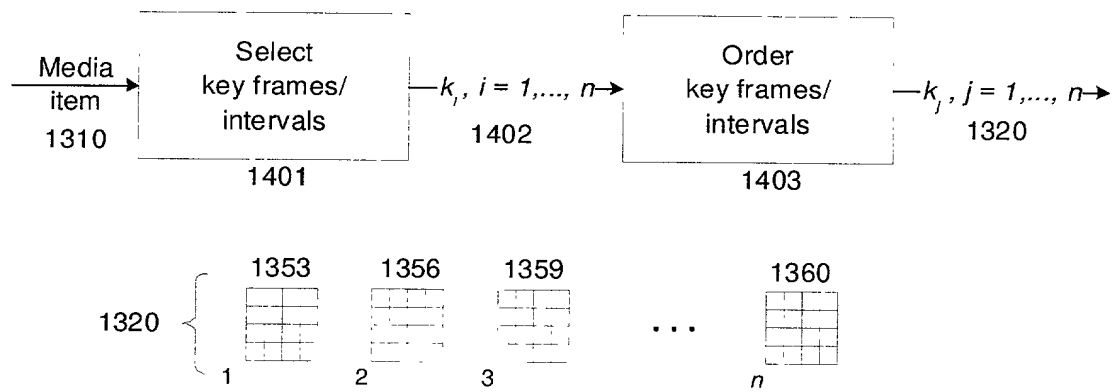


Figure 14A

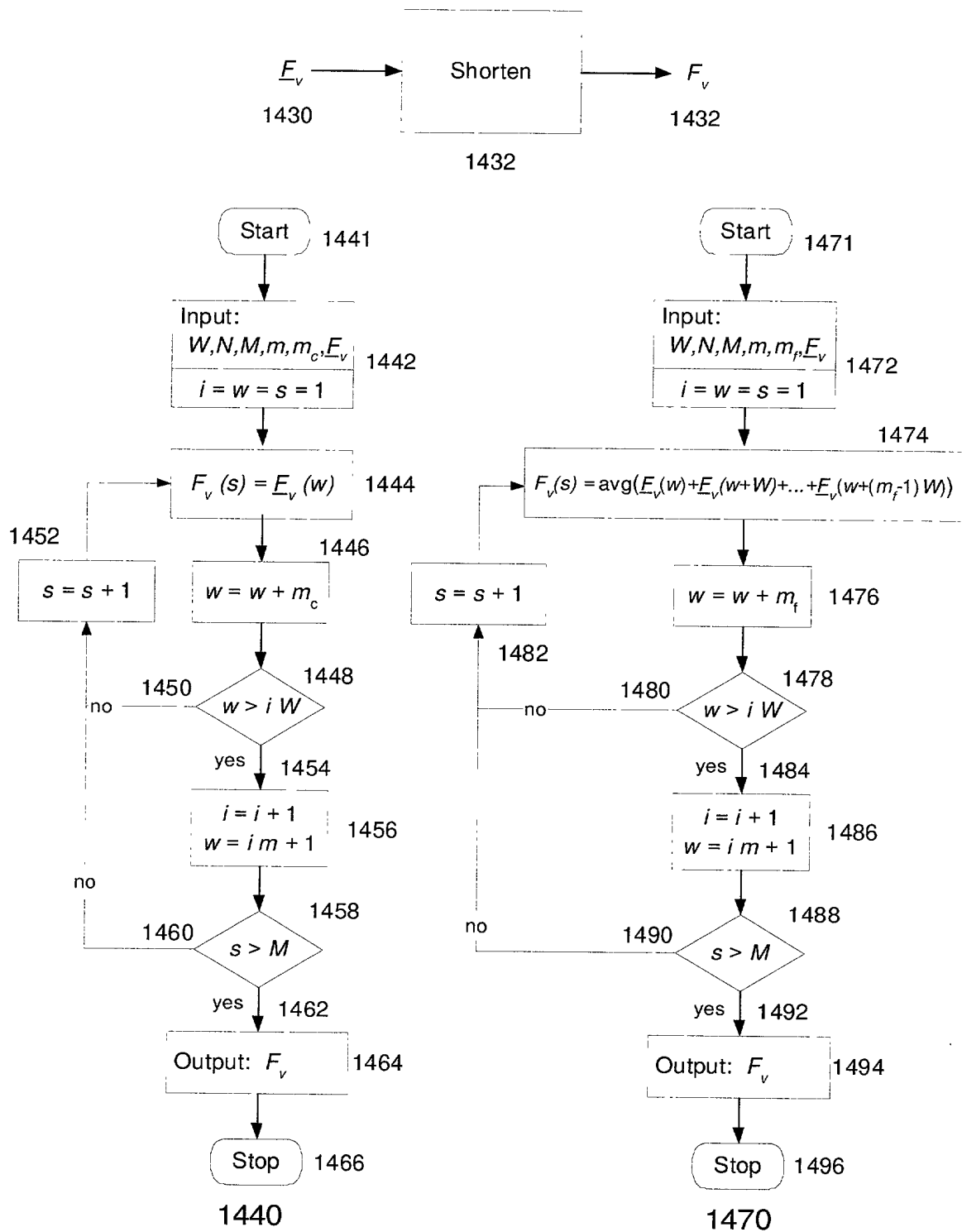
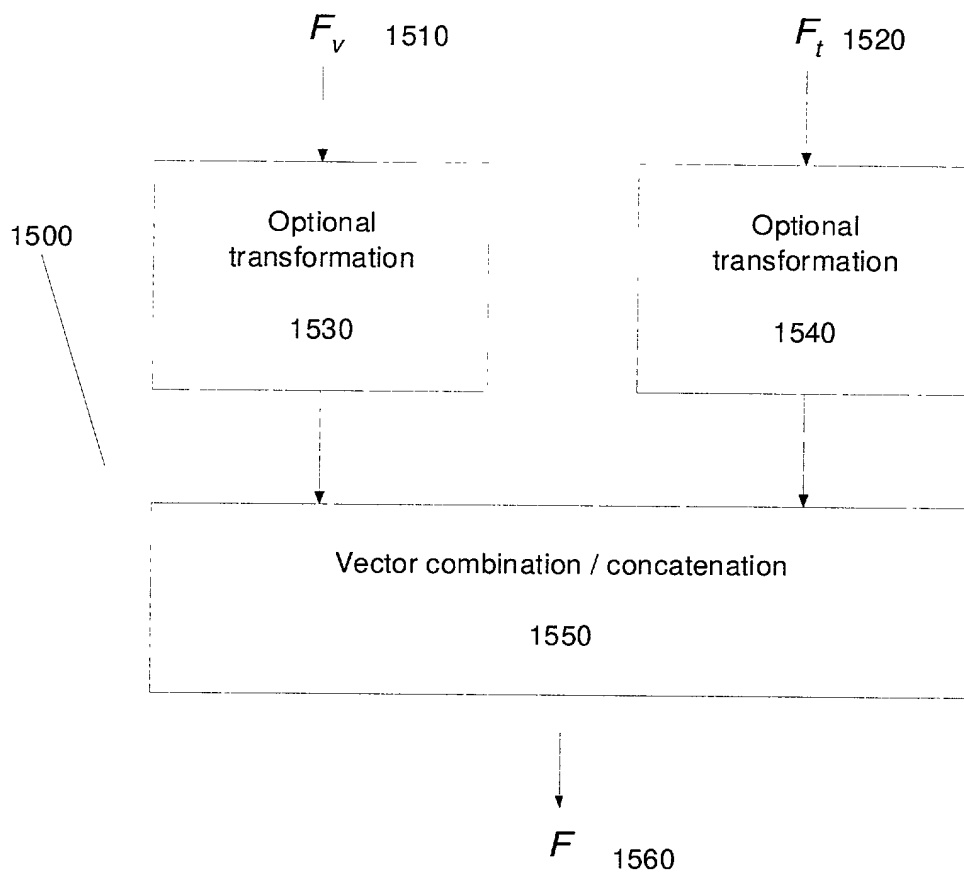


Figure 14B



**Figure 15**

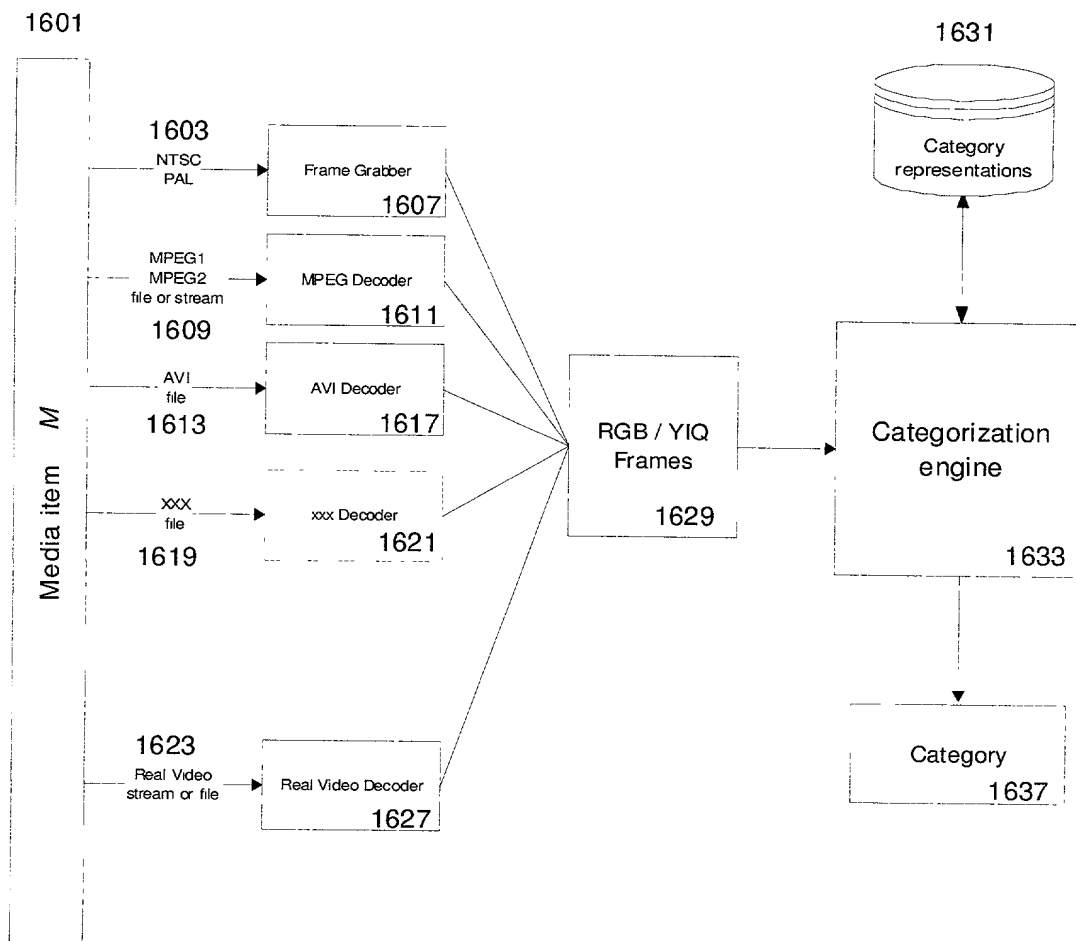


Figure 16

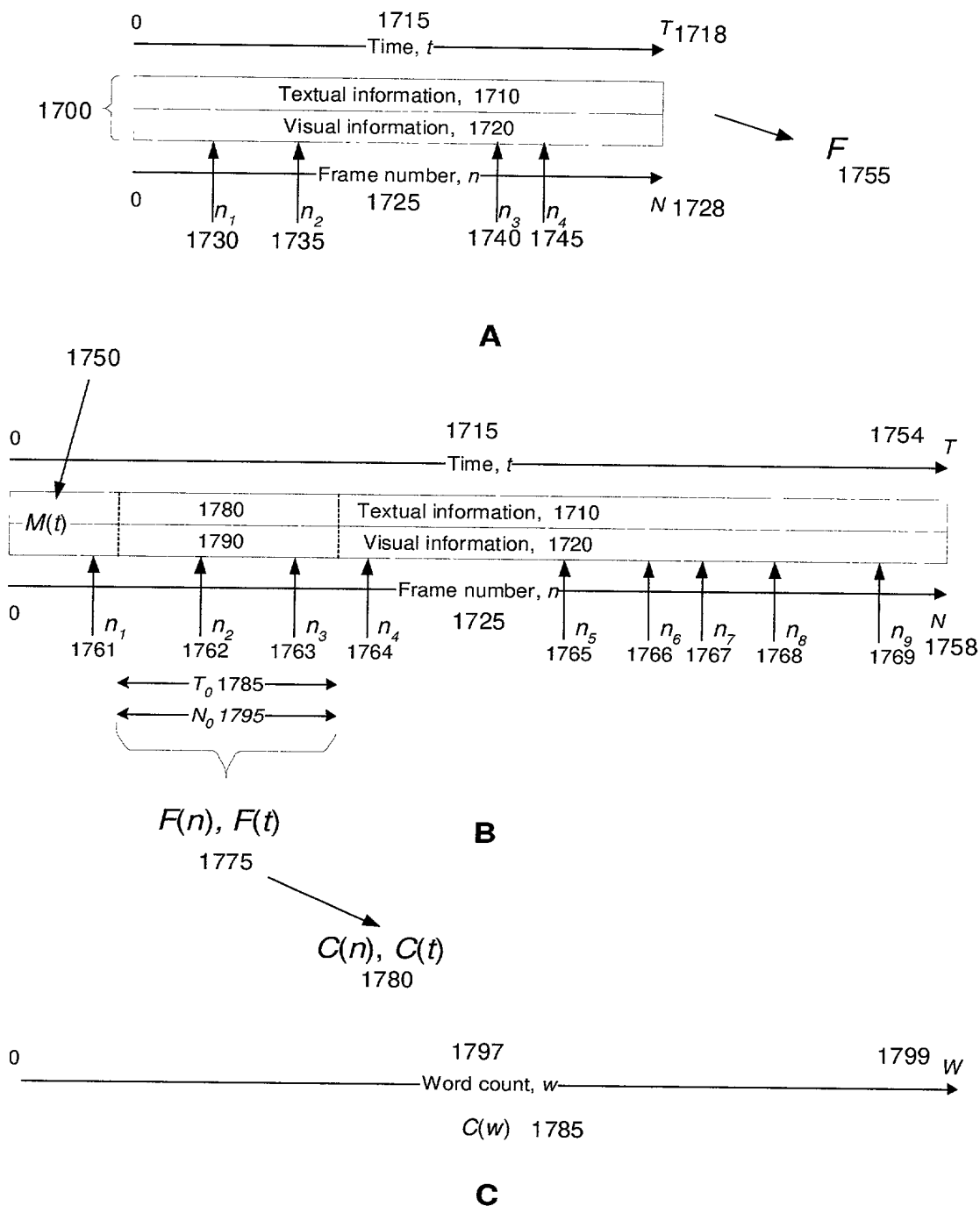


Figure 17

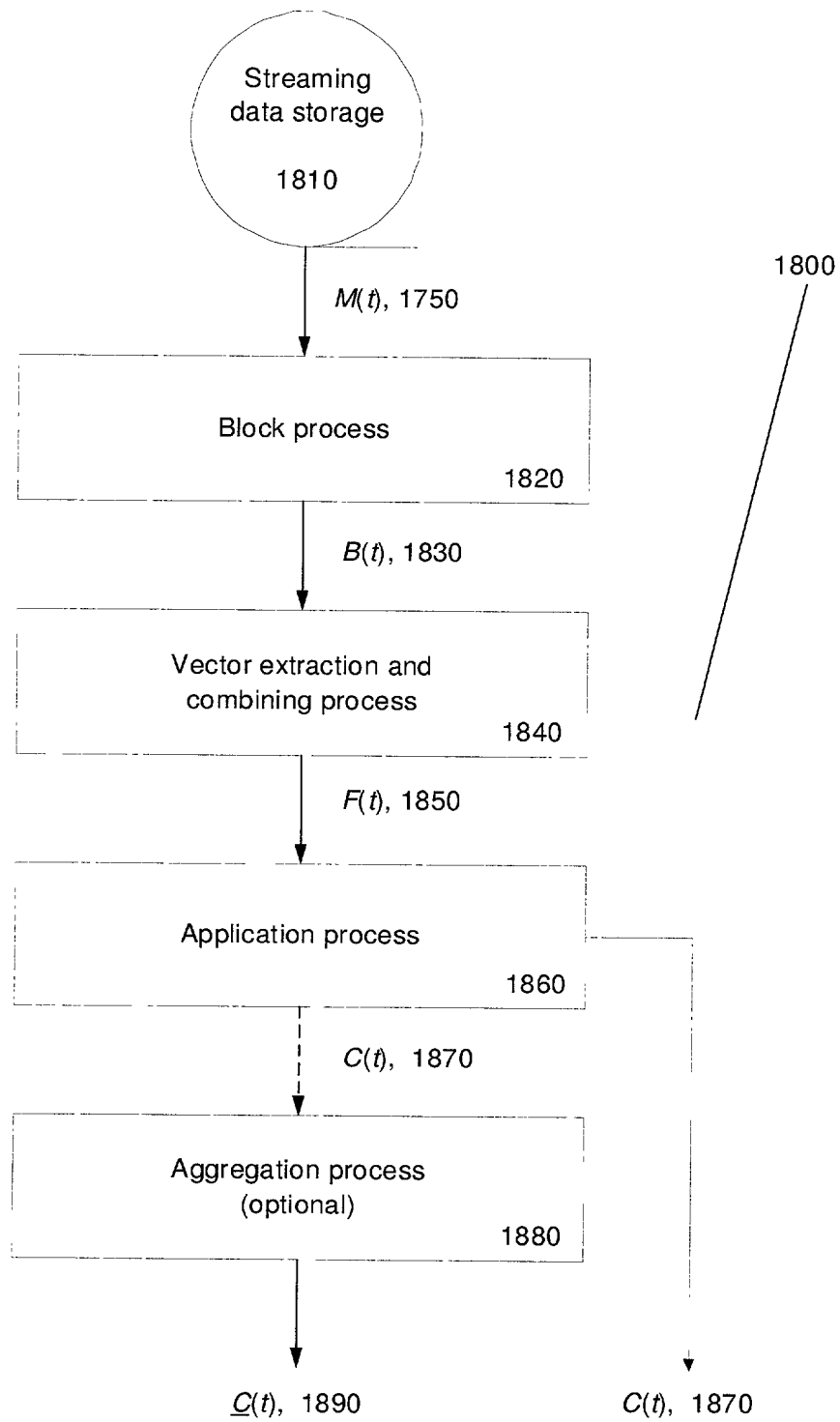
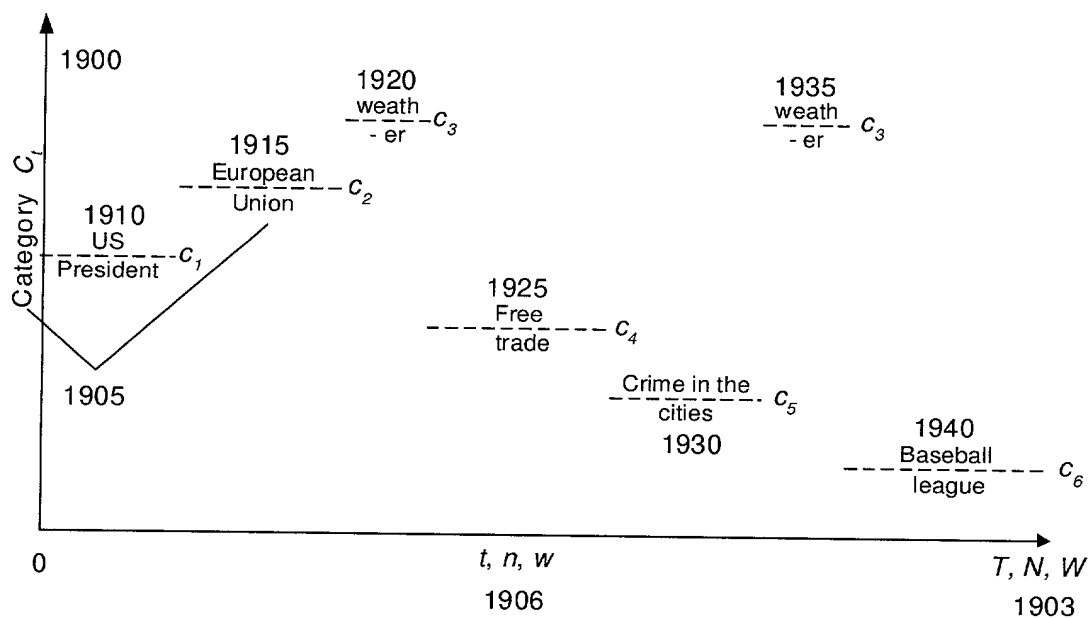
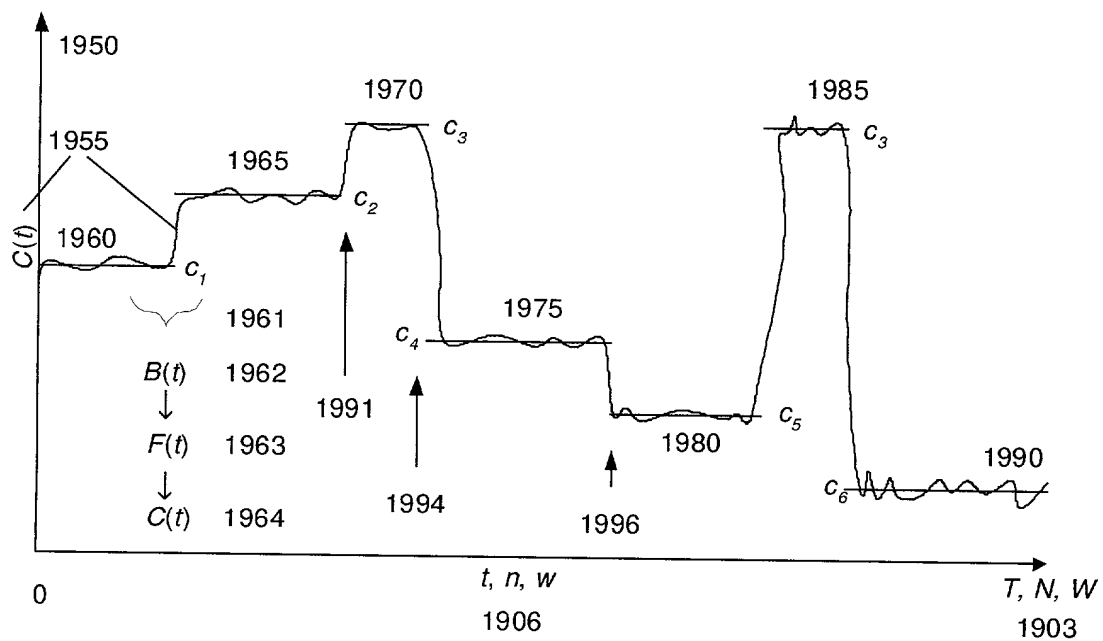


Figure 18



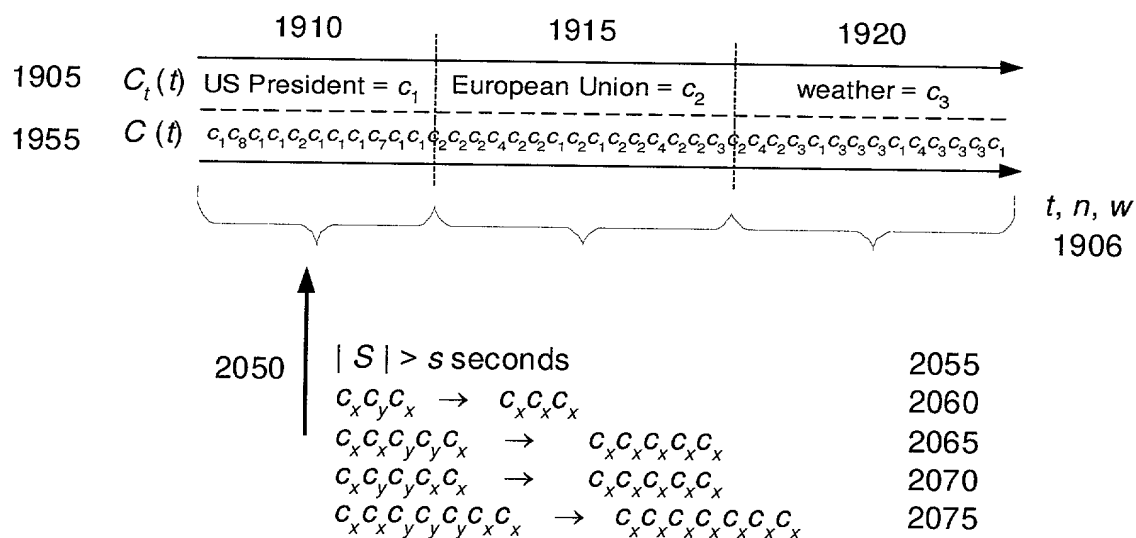
**A**



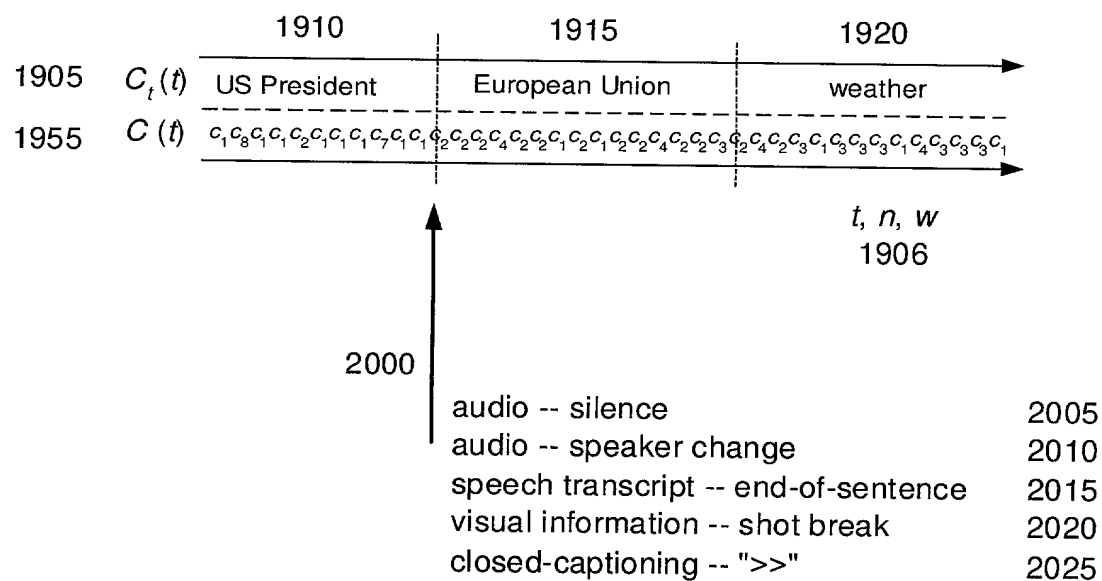
**B**

**Figure 19**





A



B

Figure 20

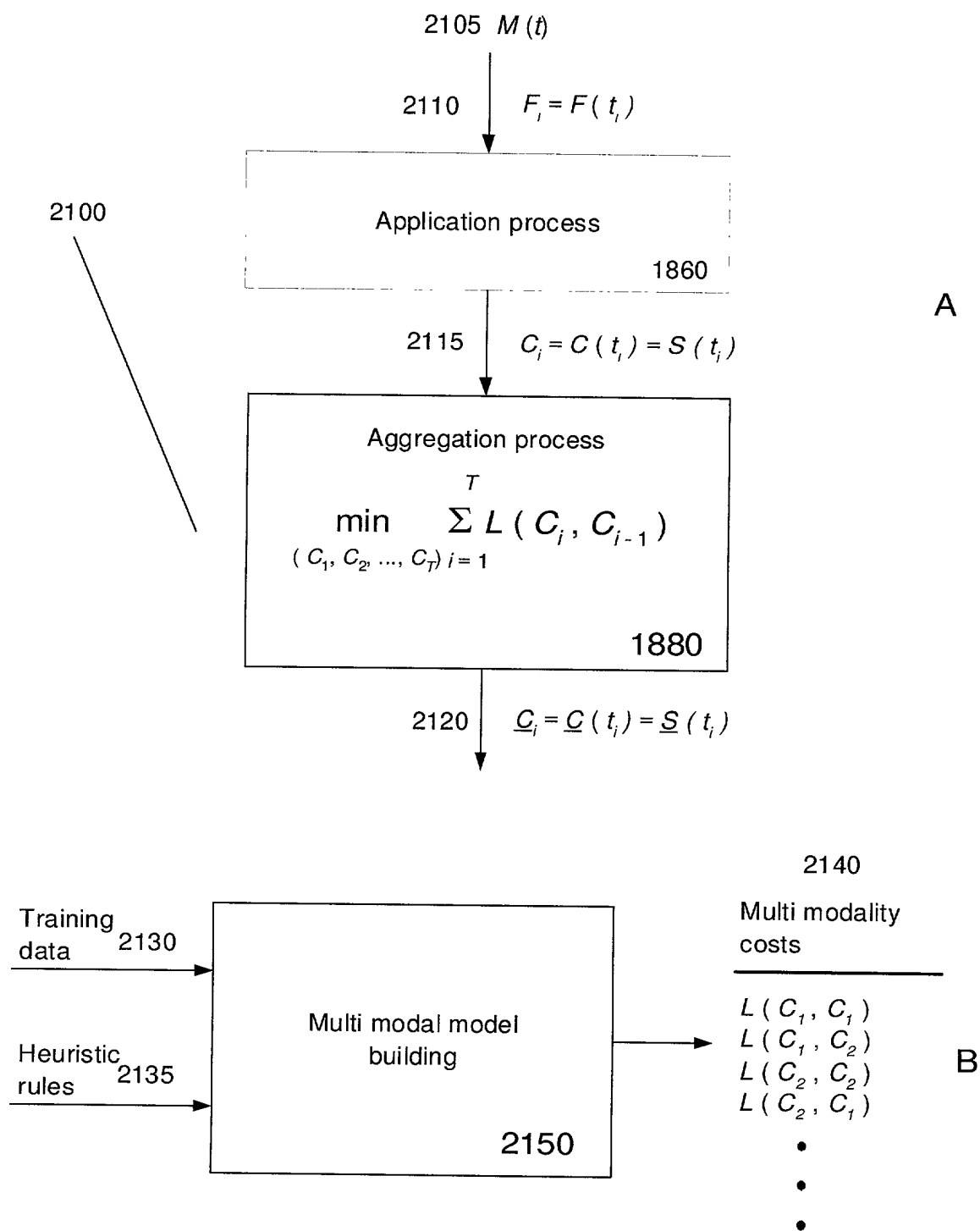


Figure 21

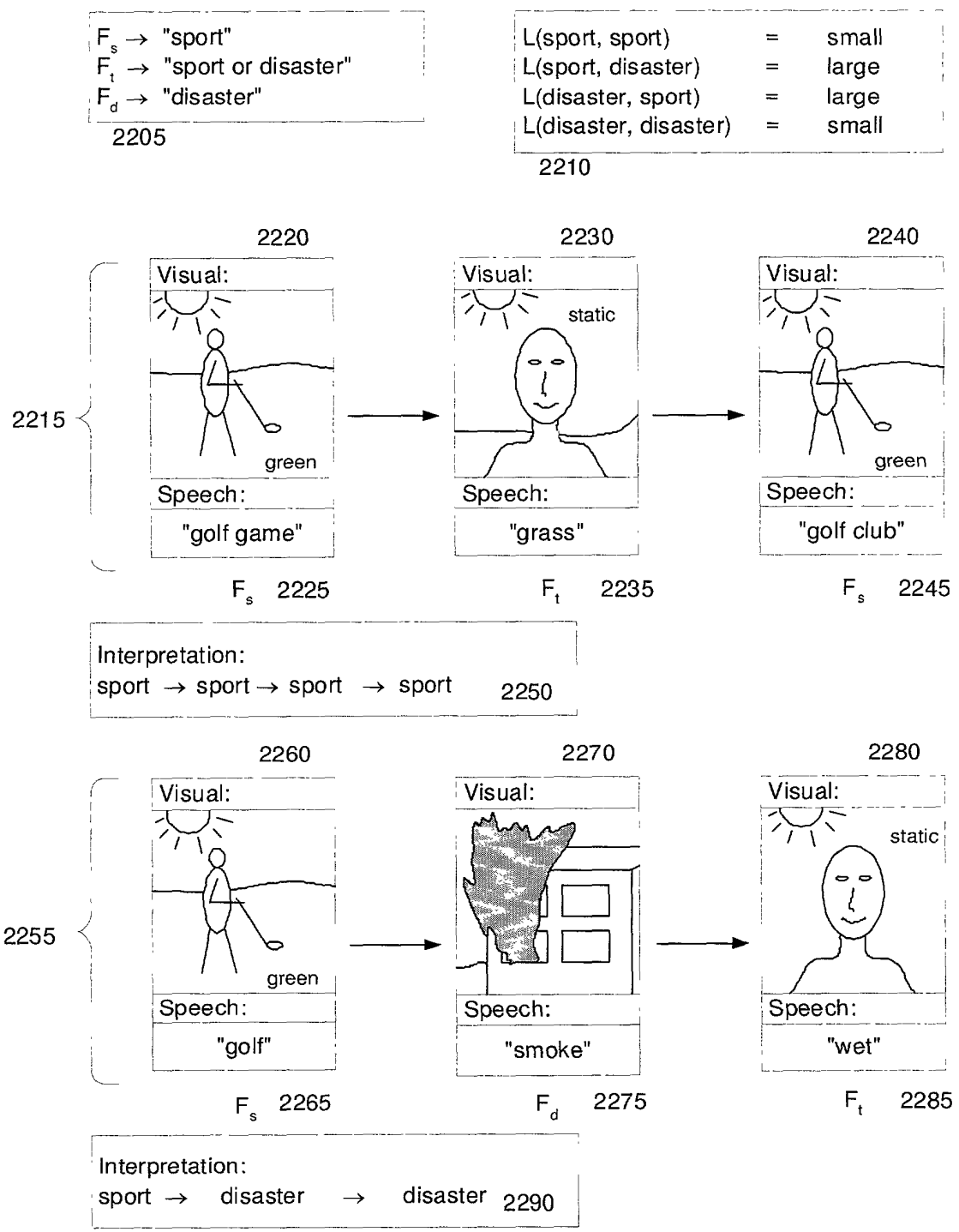


Figure 22

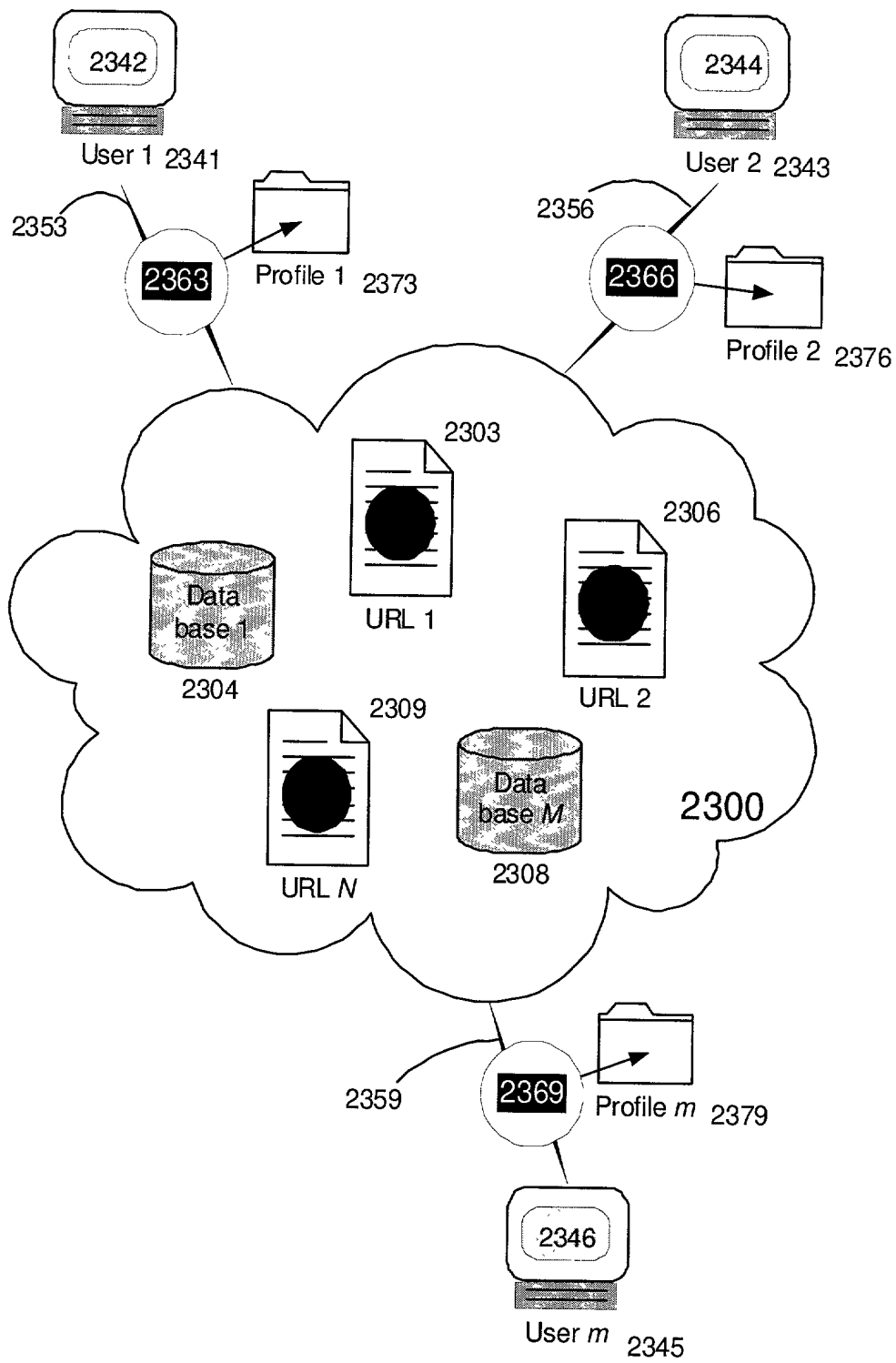


Figure 23

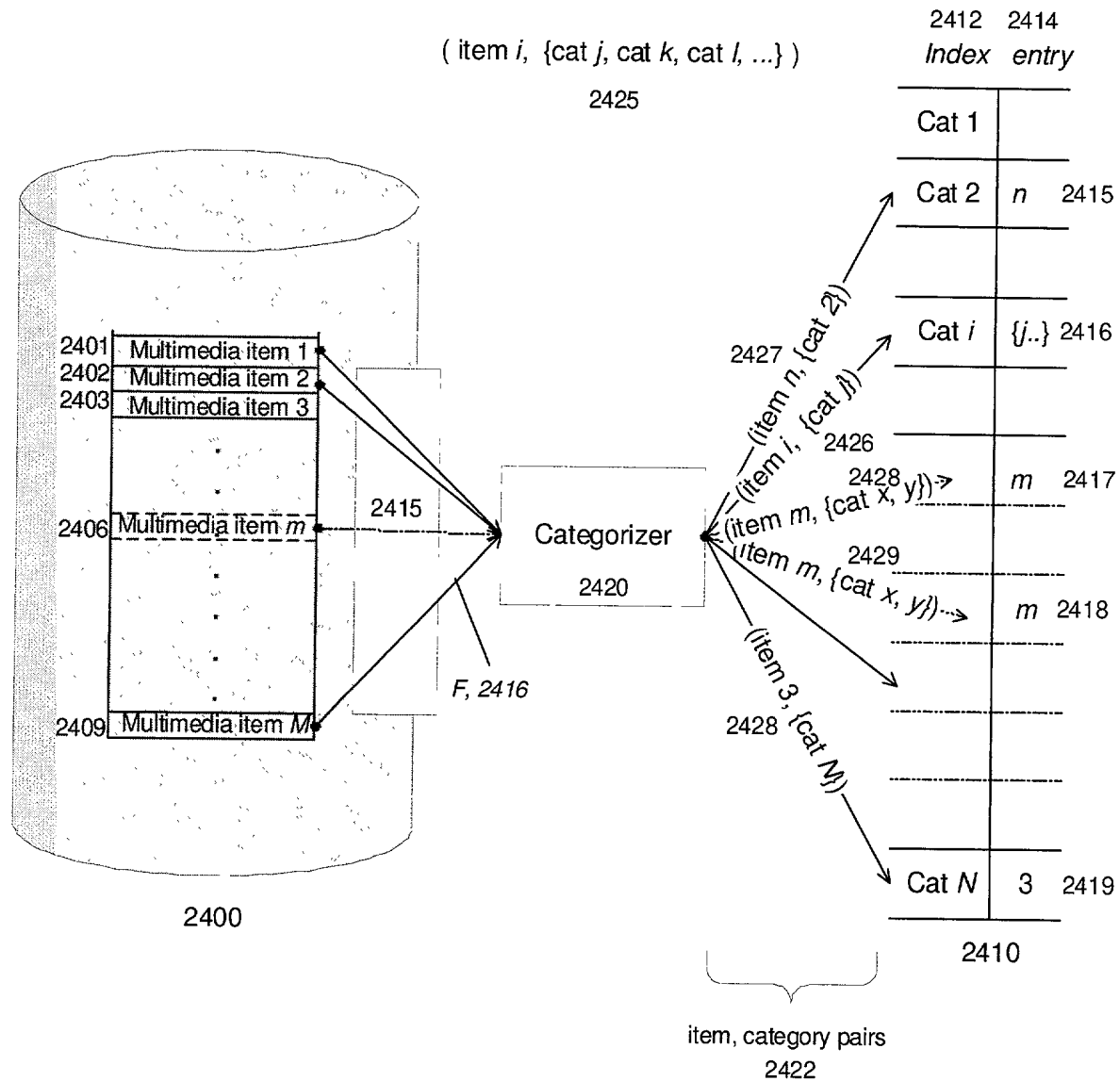


Figure 24A

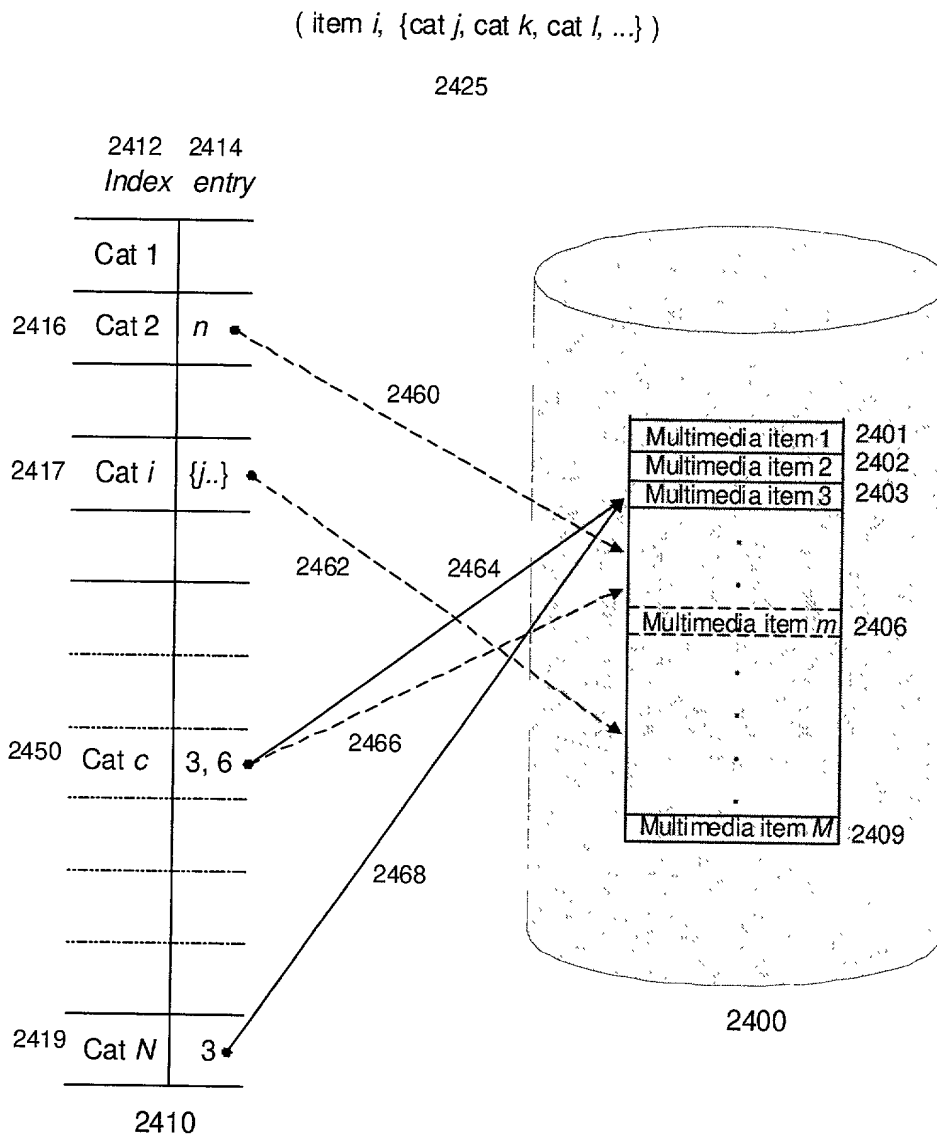


Figure 24B

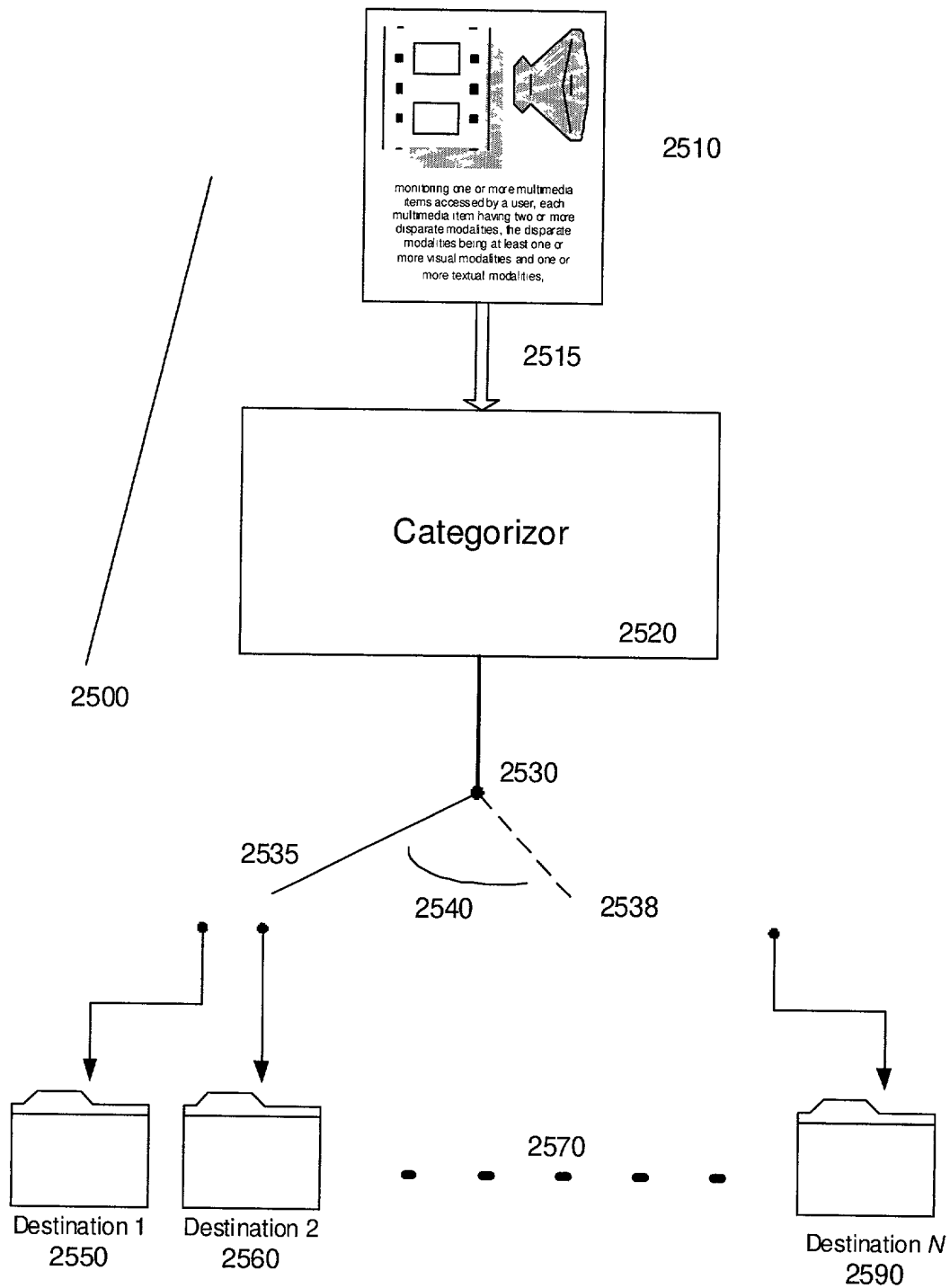


Figure 25

2600

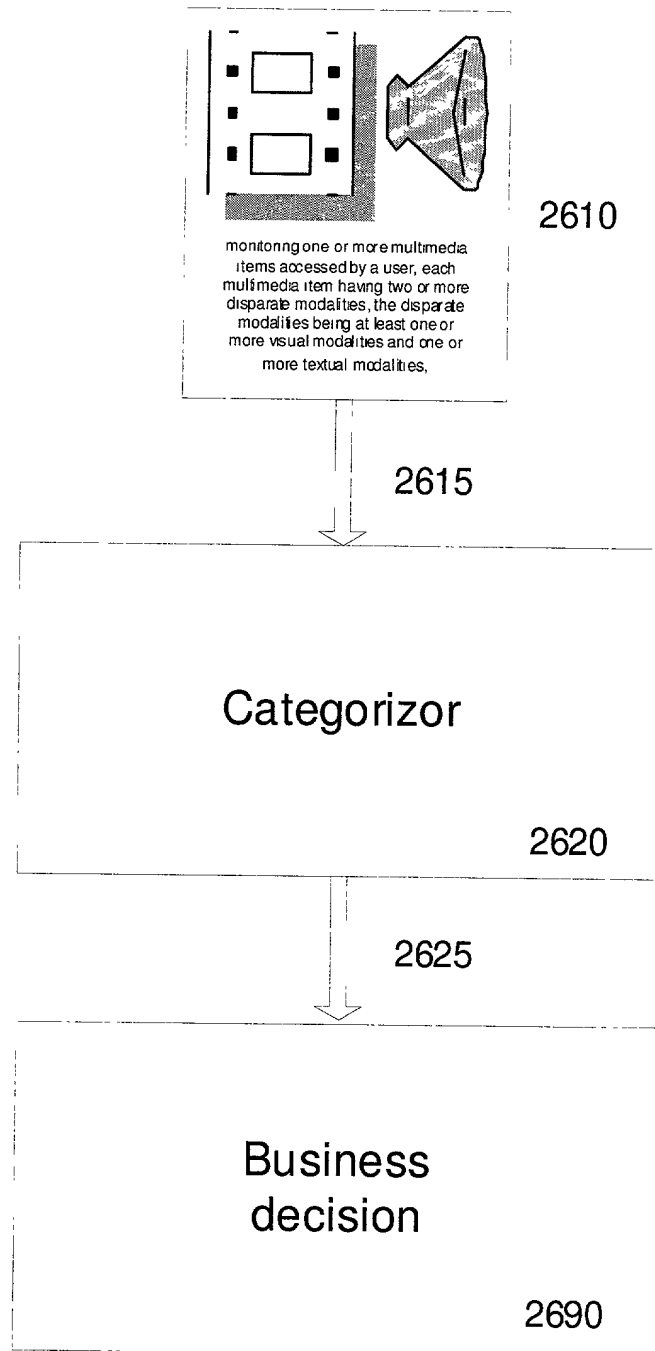


Figure 26



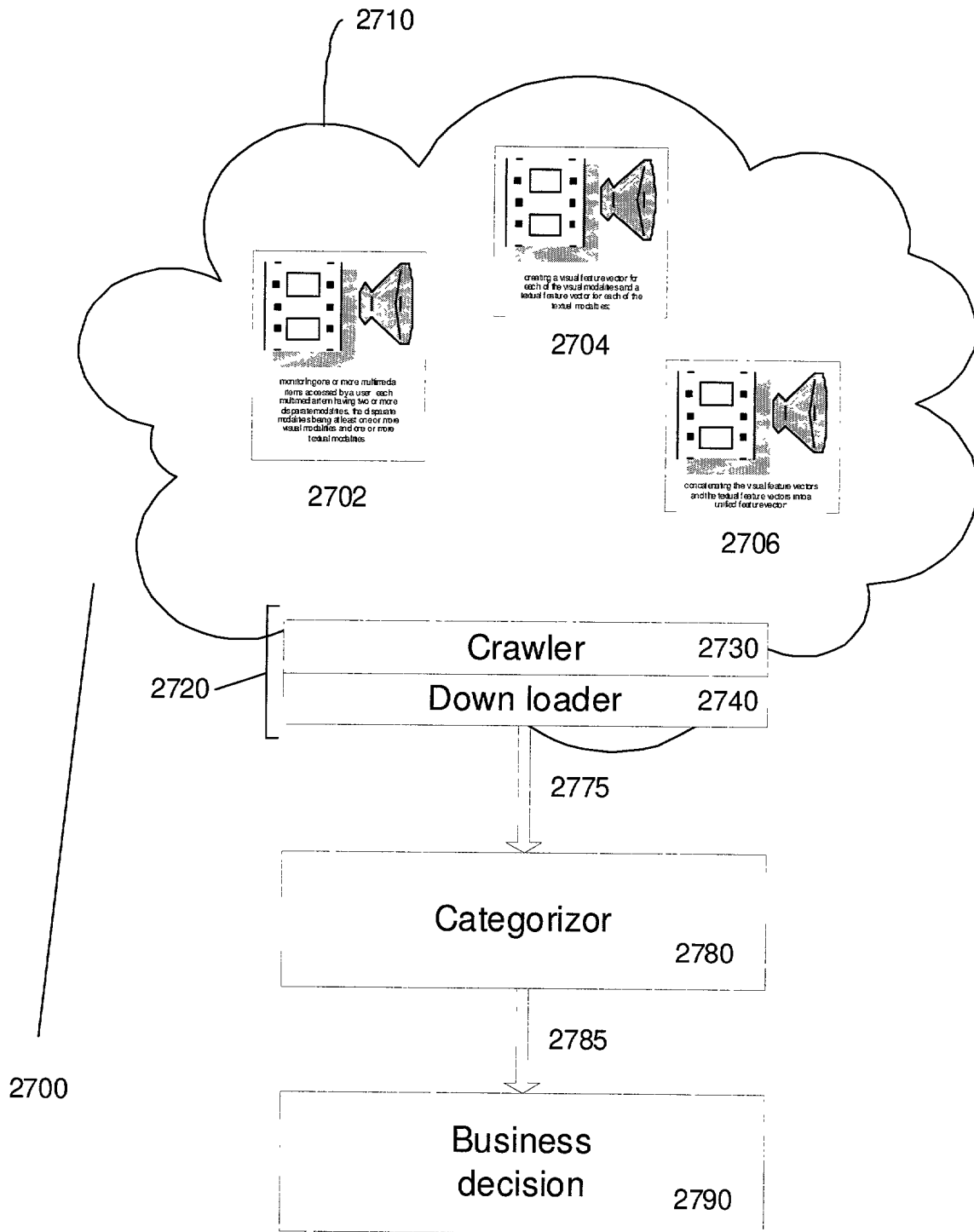


Figure 27